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77. *Physcia pulverulenta* (Schaer.) Nyl., Act. Soc. Linn. Bord. **21**: 308. 1856. A single specimen occurring on moss, on humus, near Coraopolis, Allegheny Co., Sept. 9, 1905, O. E. Jennings and G. E. Kinzer.
78. *Physcia pulverulenta leucoleiptes* Tuck., Syn. Lich. N. E. **32**. 1848. On humus Montrose, Allegheny Co., Sept. 21. 1905, O. E. Jennings.
79. *Physcia stellaris* (L.) Nyl., Syn. Meth. Lich. **1**: 424. 1858. On trees, Nixon Station, Butler Co., Wm. Millward, Feb. 3, 1917, and on *Populus deltoides*, Presque Isle, Erie Co., four different collections, O. E. Jennings.
80. *Physcia tribacia* (Ach.) Nyl., Fl. **64**: 537. 1881. On trees. Presque Isle Erie Co., on *Populus deltoides* with *Ph. stellaris*, Sept. 20–22, 1906, O. E. Jennings, and Linesville, Crawford Co., Aug. 3, 1909, O. E. Jennings.
81. *Physcia obscura endochrysea* (Hampe) Nyl., Act. Soc. Sci. Fenn. **7**: 440. 1863. A single specimen on bark with *Cladonia ochrochlora ceratodes*, from Idlewild, Westmoreland Co., Aug. 10, 1906, D. R. Sumstine.
82. *Physcia obscura virella* (Ach.) Cromb., Grev. **20**: 78. 1887. On bark with *Amphiloma*, Conneaut Lake Park, Crawford Co., July 18, 1906, D. R. Sumstine.

PITTSBURGH, PA.

REVIEWS

István Gyorffy.—*A Molendoák fajai tagolódása és rokonsága összehasonlító anatomiai és fejlődéstani vizsgálatok alapján.* (A. M. T. Akadémia III osztályának 1921 január 17.—én tartott üléséből).

The above reprint, bearing the pagination 345–351, I have through the kindness of Mr. Chamberlain been able to examine, the work dealing with a genus of mosses, *Molendoa*, which I have, also, been studying. It is a Hungarian announcement of the author's "*Versuch einer Monographie der Gattung Molendoa*," upon the preparation of which he has been engaged some seventeen or eighteen years and which is now pretty well finished. Some of the essential results are here outlined in advance in the author's admirably objective and thoroughly scientific manner. Ten previously described species are apparently to be recognized, in addition to seven new ones mostly credited to Brotherus. The latter, which are here *nomina nuda*, include *M. obtusifolia* Broth. twice, in the one case doubtless a slip for some other name. The author discusses the nature of a species, but without dogmatism. He is inclined to conceive of it as a series or rather group of forms clustered about a typical center. Uncommon forms lying toward the periphery of the enclosing circle may be transition-forms to the next species; that is, the two species-circles may slightly overlap. In this way he notes three transition-varieties connecting the three European species of *Molendoa* with one another and includes a diagram illustrating the relationship of all European forms recognized. He also speaks of forms which seem to lie somewhat between *Molendoa* and *Hymenostylium*, but rejects the idea that they

might be hybrids or that the two genera belong together, though he is convinced that *Molendoo* lies closer to *Hymenostylium* than to *Anoetangium*, in which its species have frequently been placed. No one is at present likely to dispute this last contention, but the species have not yet been distributed clearly and finally among the three genera and all too many species of both *Hymenostylium* and *Anoetangium* have been and are still being described. It is to be hoped and expected that Györfy's monograph will cast a beam of light into this very dark region of the moss-system.

A. LEROY ANDREWS

NOTES ON CURRENT BRYOLOGICAL LITERATURE

W. E. NICHOLSON.—*Southbya nigrella* (DeNot.) Spr. in Britain. (Journ. Bot. 60: 67–69. 1922.)—This Mediterranean species was found by the author in a disused quarry at Portland, Dorsetsh. A detailed description and comparative remarks are appended.

ISTVAN GYÖRFFY.—*Miscellanea bryologica Hungarica*. I–V. (Botanikai Közlemények. 1920. xix. pp. 7–16. Pl.)—The article, which is in Hungarian, reports the occurrence of *Cladosporium herbarum* on several species of mosses from Hungary; describes and figures the role played by the waxy secretion in *Saelania caesia* Lind.; reports new localities for *Aulacomnium turgidum* Schwaegr. *Conostomum tetragonum* Lindb., and *Bucegia romanica* Rad. in the Tatra.

CH. MEYLAN.—*Nouvelles contributions à la flore bryologique du Jura*. (Revue bryologique 48: 1–5. 1921.)—A record dealing with some 30 species for which new localities are announced in the Jura. A new form (*f. stricta*) is proposed for *Neckera crispa*, and *Thuidium abietinum* var. *paludosum* proposed as new.

CH. MEYLAN.—*Une variété nouvelle de Scorpidium scorpioides*. (Revue bryologique 48: 5. 1921.)—*Scorpidium scorpioides* var. *cuspidatum* Mey. from Switzerland is proposed as new.

R. POTIER DE LA VARDE.—*Observations sur quelques espèces du genre Fissidens*. VI. *A propos du Fissidens Mildeanus* Schp. (Revue bryologique 48: 5–9. fig. 1–3. 1921.)—The author collected *Fissidens Mildeanus* in La Manche, and found specimens bearing the bulb-like hairs among the paraphyses and the rhizoids which Limpricht describes. These bodies the author considers propagula.

R. POTIER DE LA VARDE.—*Hildebrandtiella Souliei* Broth et P. de la V. (Revue bryologique 48: 9–11 fig. 1–7. 1921.)—A description and figure of a new species from the Tanganika region, Africa, with a list of six other forms from the same region. Also the author notes that the name *Weissia viridula* var. *longifolia* Thér. et P. de la V. should be changed to var. *macrophylla* on account of earlier homonym.

H. N. DIXON.—*The Mosses of the Wollaston Expedition to Dutch New Guinea, 1912–13; with some additional Mosses from British New Guinea*. (Journ. Linn.